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(54) **ADENO-ASSOCIATED VIRUS (AAV) CLADE F VECTOR AND USES THEREFOR**

(57) A recombinant adeno-associated virus (rAviV) vector comprising an AAVhu68 capsize produced in a production system comprising a nucleotide sequence of SEQ ID NO: 1, or a sequence at least 75% identical thereto which encodes SEQ ID NO:2. The AAVhu68 capsize comprises subpopulations of highly deamidated asparagine residues in asparagine - glycine pairs in the amino acid sequence of SEQ ID NO: 2. Also provided are compositions containing the rAviV and uses thereof. Additionally, rAviV having an engineered AAV capsize comprising at least one subpopulation of vpl or vp2 proteins having a Val at amino acid position 157 with reference to the AAVhu68 vpl numbering are provided.

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EUROPEAN SEARCH REPORT

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The present search report has been drawn up for all claims

Place of search	Date of completion of the search	Examiner
The Hague	11 January 2024	Galli, Ivo

CATEGORY OF CITED DOCUMENTS

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